

Notes on the Systematy of Malayan Phanerogams

*XXIV ERICACEAE

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Abstract

Vaccinium whitmorei Ng and *Vaccinium pseudodialypetalum* Ng are new species.

Vaccinium

Vaccinium whitmorei Ng sp. nov.

Arbor parva, ramulis glabris; foliis glabris coriaceis integris obovatis apice acuto basi cuneato, marginibus (in sicco) recurvatis, costa media ex pagina supra prominulento, nervis c. 4 – paribus pinnatis; petiolo glabro 2–3 mm. longo; alabastris axillaribus incrassatis 1.5 x 1.5 – 4 x 3 mm. Inflorescentia racemosa multiflora glabra, 3–6 cm longa, bracteis 4–6 mm longis, ante anthesin caducis. Flores alba rosascens externe glabrae, pedicellis 6 mm longis, calyx quinquelobato 3.5–4.5 mm longo, tubo quam lobis paullo longiori, corolla tubuloso 5 – lobato c. 8 mm longo (intus villosus), lobis c. 1 mm longis, staminibus 10, c. 4 mm longis, filamentis villosis, calcaribus dorsalibus brevibus, tubulis quam thecis antherae brevioribus, apice porosis, stylo glabro c. 7 mm longo, disco glabro. Fructu globosus, c. 5 x 5 mm, calycis lobis 1 mm longis coronatus.

A small tree. Twigs glabrous. Leaves obovate, apex acute, base cuneate; glabrous, coriaceous, entire, recurved in dry specimens; midrib slightly prominent above, pinnate nerves about 4 pairs; petiole 2–3 mm long, glabrous. Axillary buds swollen, 1.5 x 1.5 – 4 x 3 mm. Inflorescence a glabrous axillary many-flowered raceme 3–6 cm long. Bracts 4–6 mm long, falling before anthesis. Flowers white tinged pink, glabrous externally; pedicels 6 mm at anthesis, calyx 3.5 – 4.5 mm long, 5 lobed, with tube slightly longer than lobes; corolla tubular, c. 8 mm long, hairy inside the tube, with 5 lobes c. 1 mm long; stamens 10, c. 4 mm long, with filaments hairy, dorsal spurs short, tubules slightly shorter than anther cells, opening by apical pores; style glabrous c. 7 mm long; disc glabrous. Fruit globose, c. 5 x 5 mm, crowned by calyx lobes 1 mm long.

MALAYA Pahang/Selangor border on G. Ulu Kali at c. 1700 m: *FRI 12584* (KEP holotype, L, K, SING, A) fl. Sept. 1969; and on Frasers Hill at 1000 m: *KLU 13146* (KLU) fr. July 1970.

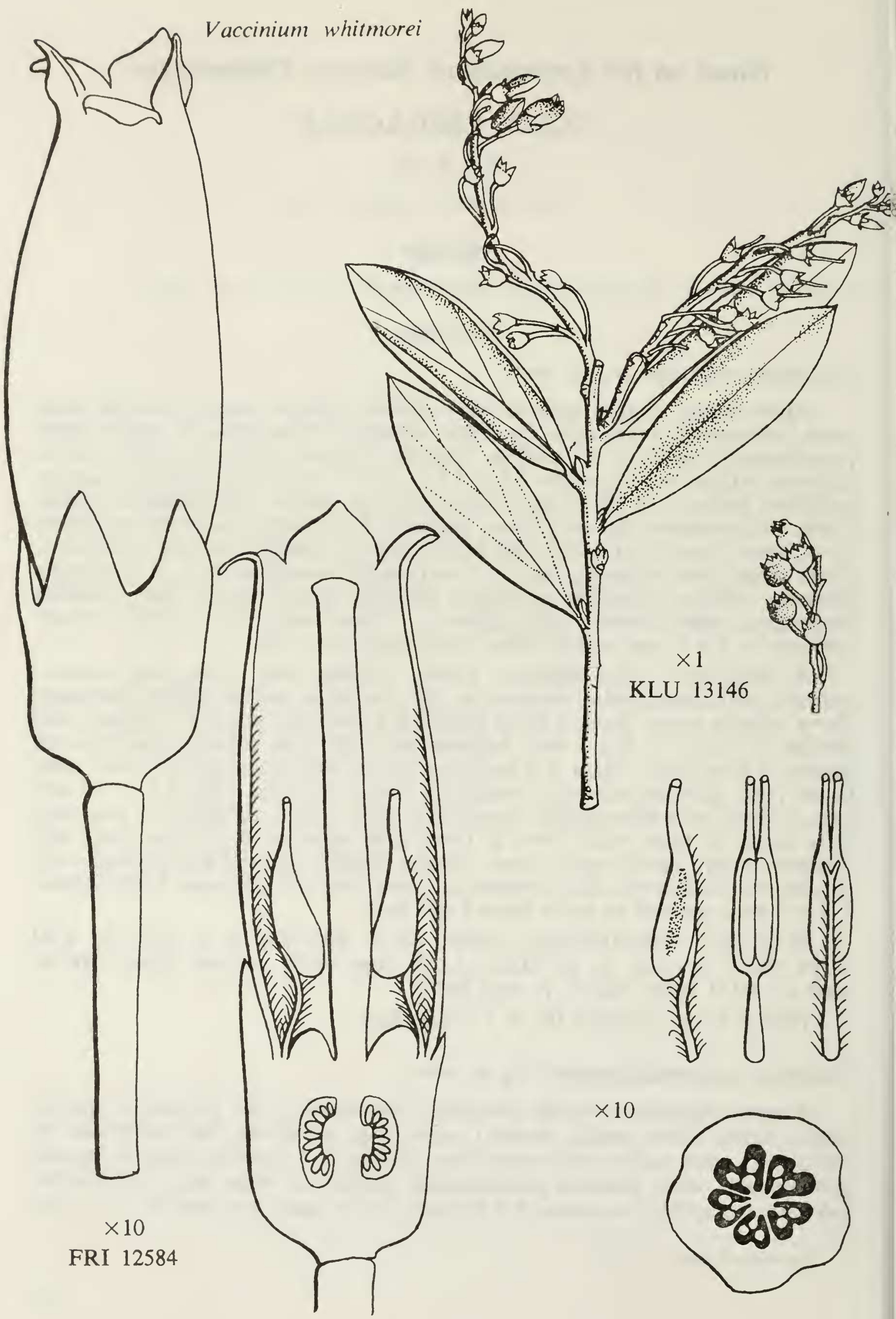
Named for its collector Dr. T. C. Whitmore.

Vaccinium pseudodialypetalum Ng sp. nov.

Frutex epiphyticus, ramulis junioribus pubescentis, foliis chartaceis, integris, ovatis, glabris (costa media excepto) apice longe acuminato, basi rotundato vel subcordato, costa media supra prominulento, nervis c. 7 – paribus pinnatis angustis prominulentis, venis tertiariis prominulentis; petiolo 2–3 mm longo pubescentio. Inflorescentia axillaris racemosa 2–3 florifera, 10–16 mm longa, bracteis vix 1 mm

* continued from p. 229.

Vaccinium whitmorei

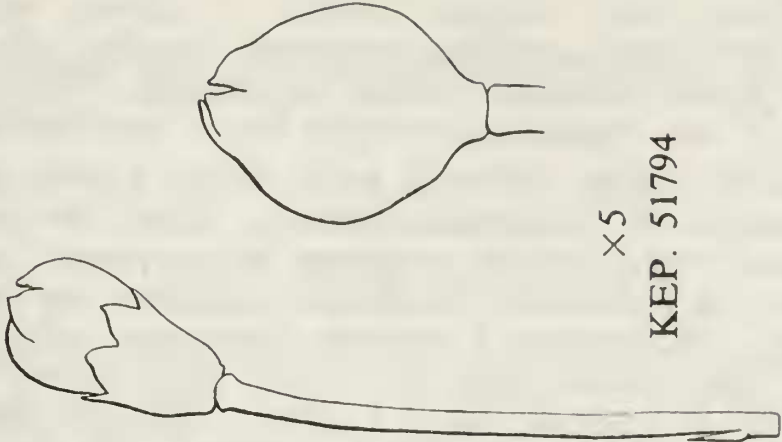
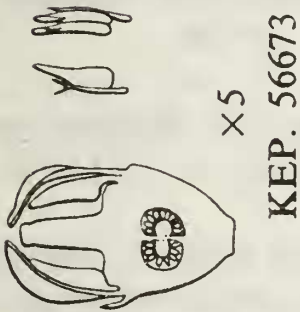


×10
FRI 12584

×1
KLU 13146

×10

Vaccinium pseudodialypetalum



KEP. 51794

longis. Flores: alabastris glabris pedicellis c. 1 cm longis ad anthesin, calyx 5-lobato, tubo quam lobis longiori, corolla 5-lobato, tubo quam lobis longiori, staminibus 10 glabris, calcaribus dorsalibus brevibus, tubulis quam thecis paullo brevioribus, poribus elongatis tubulis aequantibus; stylo discoque glabro. Fructu globosus 5 x 5 mm (immaturus) calycis lobis 1 mm longis coronatus.

An epiphytic shrub. Twigs pubescent when young. Leaves ovate, apex long-acuminate, base rounded to sub-cordate, glabrous except the midrib sometimes pubescent, chartaceous, entire, midrib prominent above, pinnate nerves c. 7 pairs, slender but prominent on both sides, reticulations prominent on both sides; petiole 2-3 mm, pubescent. Inflorescence a sparsely pubescent axillary 2-3 flowered raceme 1-1.6 cm long. Bracts tiny, to 1 mm long. Flower buds glabrous; pedicels c. 1 cm long at anthesis; calyx 5 lobed, with tube longer than lobes; corolla 5 lobed, with tube longer than lobes; stamens 10, glabrous, with short dorsal spurs; tubules slightly shorter than anther cells, opening by elongate pores as long as the tubules; style and disc glabrous. Fruit globose c. 5 x 5 mm (immature) crowned by calyx lobes 1 mm long.

MALAYA: Pahang/Selangor border on G. Nuang, G. Moyang and K. Pansom, at c. 1000-1500 m. *KEP* 56673 (*KEP* holotype) fl. 3/11/40; *KEP* 51794 fr. 12/5/40; KL 925.

The species is so named because it has been confused with *V. dialypetalum* which it resembles closely in the leaves. It differs from *V. dialypetalum* mainly in calyx lobes being up to 1 mm long instead of 2-4 mm, filaments glabrous instead of pubescent, dorsal spurs on stamens short instead of long, and pedicel slender instead of thick.

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